AMENDMENTS TO THE CLAIMS

1-3. (Canceled)

4. (Previously Presented) A method for controlling a cell reselection mode of a mobile station while the mobile station resides in a cell comprising:

determining a cell reselection mode of the mobile station, wherein the cell reselection mode comprises one or more of (i) whether a cell reselection will be autonomous or network-controlled and (ii) the reporting requirements of the mobile station;

determining a signal quality metric associated with a downlink signal;

determining an uplink coding scheme based the signal quality metric;

determining whether the mobile station is experiencing a change in radio frequency conditions based on the determined uplink coding scheme; and

when the mobile station is experiencing a change in radio frequency conditions, instructing the mobile station to change a cell reselection mode used by the mobile station.

5-9. (Canceled)

10. (Previously Presented) A method for controlling a cell reselection mode of a mobile station while the mobile station resides in a cell comprising:

determining a cell reselection mode of the mobile station, wherein the cell reselection mode comprises one or more of (i) whether a cell reselection will be autonomous or network-controlled and (ii) the reporting requirements of the mobile station;

determining a signal quality metric associated with an uplink signal;

determining an uplink coding scheme based on the signal quality metric;

determining whether the mobile station is experiencing a change in radio frequency conditions based on the determined uplink coding scheme; and

when the mobile station is experiencing a change in radio frequency conditions, instructing the mobile station to change a cell reselection mode used by the mobile station.

11-17. (Canceled)

18. (Previously Presented) A network controller comprising:

at least one memory device that stores a default cell reselection mode associated with a cell serviced by the network controller; and

a processor coupled to the at least one memory device that determines a cell reselection mode of a mobile station located in the cell, wherein the cell reselection mode comprises one or more of (i) whether a cell reselection will be autonomous or network-controlled and (ii) the reporting requirements of the mobile station, determines a signal quality metric associated with a downlink signal, determines an uplink coding scheme based the signal quality metric, determines whether the mobile station is experiencing a change in radio frequency conditions based on the determined uplink coding scheme, and when the mobile station is experiencing a change in radio frequency conditions, instructs the mobile station to change a cell reselection mode.

19-23. (Canceled)

24. (Previously Presented) A network controller comprising:

at least one memory device that stores a default cell reselection mode associated with a cell serviced by the network controller; and

a processor coupled to the at least one memory device that determines a cell reselection mode of a mobile station located in the cell, wherein the cell reselection mode comprises one or more of (i) whether a cell reselection will be autonomous or network-controlled and (ii) the reporting requirements of the mobile station, evaluates an uplink signal quality metric associated with an uplink signal, determines an uplink coding scheme based on the uplink signal quality metric, determines whether the mobile station is experiencing a change in radio frequency conditions based on the determined uplink

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coding scheme, and when the mobile station is experiencing a change in radio frequency conditions, instructs the mobile station to change a cell reselection mode.

25-29. (Canceled)

29. (Previously Presented) The network controller of claim 18, wherein the network controller comprises at least one of a Base Station Controller, a Packet Control Unit, and a Packet Control Function.

30. (Previously Presented) The network controller of claim 24, wherein the network controller comprises at least one of a Base Station Controller, a Packet Control Unit, and a Packet Control Function.